

UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,595,304

Issued: September 29, 2009

Examiner: VIVLEMORE, Tracy Ann

Art Unit: 1635

Re: Application of: ZHAO, Hong, et al.

Serial No.: 10/822,205

Filed: April 9, 2004

For: **POLYMERIC OLIGONUCLEOTIDE PRODRUGS**

Confirmation No.: 3686

REQUEST FOR CERTIFICATE OF CORRECTION

UNDER 37 § CFR 1.322 & 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

February 23, 2010

Sir:

1. Attached is Form PTO/SB/44 (5 pages) identifying errors in the printed patent. The errors are either clerical in nature or due to errors by the Patent Office.

2. Please correct the following:

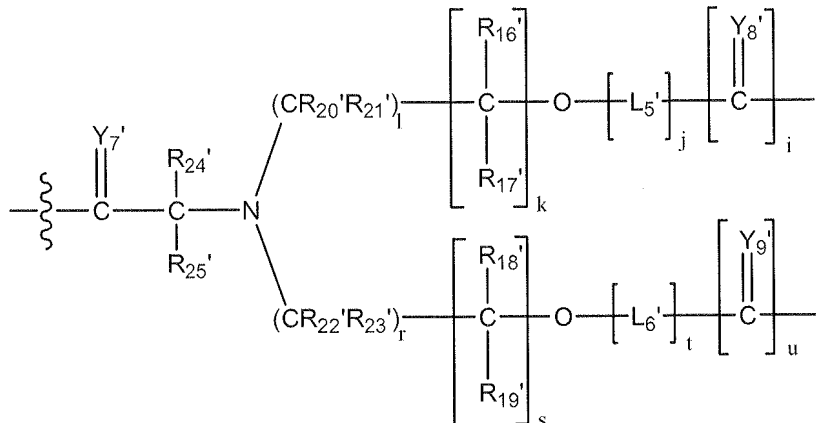
- a) Column 57, lines 55-56 in claim 1,
insert -- $-(CH_2)_r-S-S-(CH_2)_q-Q'$ -- , --
between “and” and “wherein”.

Support can be found, for example, in claim 27 in the Amendment of April 1, 2009, which was allowed by the Examiner.

- b) Column 62, line 7 in claim 8,
“polyalkylene” should read --polyalkylene--

Support can be found, for example, in claim 9 in the Amendment of April 1, 2009, which was allowed by the Examiner.

c) Column 62, lines 21-22 in claim 10,



The above formula should be inserted between the second and third formula.

Support can be found, for example, in claim 12 in the Amendment of April 1, 2009, which was allowed by the Examiner.

d) Column 63, line 56 in claim 12,

“J-O-(CH₂CH₂O)_n-CH₂CH₂SH-,”

should read -- J-O-(CH₂CH₂O)_n'-CH₂CH₂S-, --.

Those of ordinary skill in the art can appreciate that the recitation of “-CH₂CH₂SH-” means “-CH₂CH₂S-”, because sulfur forms two covalent bonds.

e) Column 63, line 60, in claim 12,

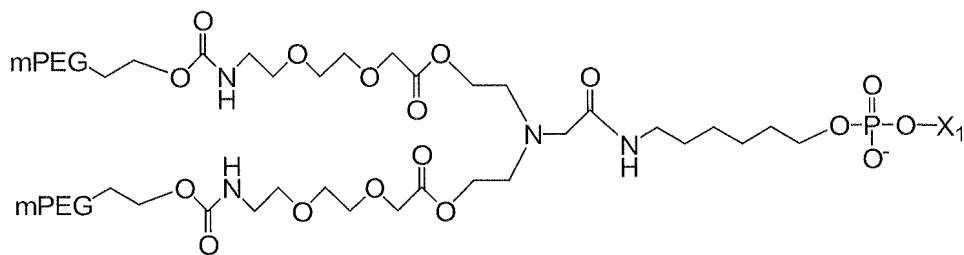
$$\text{"-SHCH}_2\text{CH}_2\text{-O-(CH}_2\text{CH}_2\text{O)}_n\text{-CH}_2\text{CH}_2\text{SH-,"}$$

should read -- -SCH₂CH₂-O-(CH₂CH₂O)_n-CH₂CH₂S--.

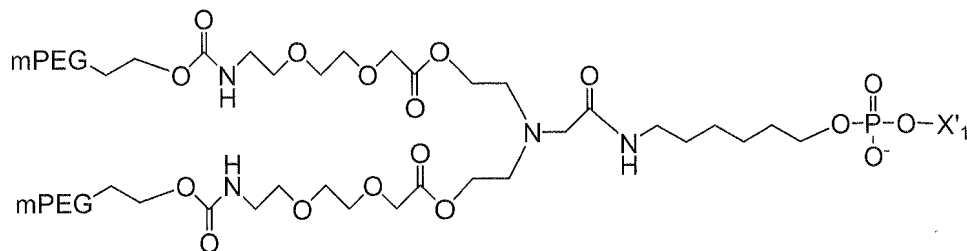
Those of ordinary skill in the art can appreciate that the recitation of “-CH₂CH₂SH-” means “-CH₂CH₂S-”, because sulfur forms two covalent bonds.

f) Column 68, line 11, in claim 28,

The third compound



should have the structure

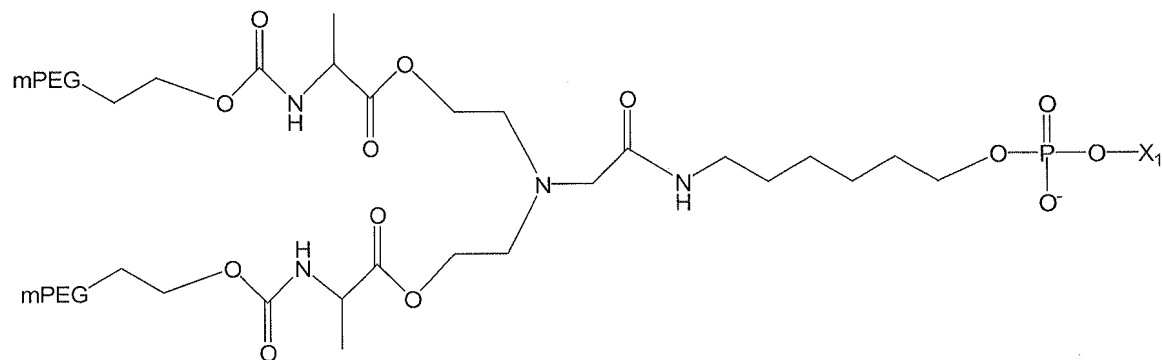


The third compound printed in the patent has X in place of X'.

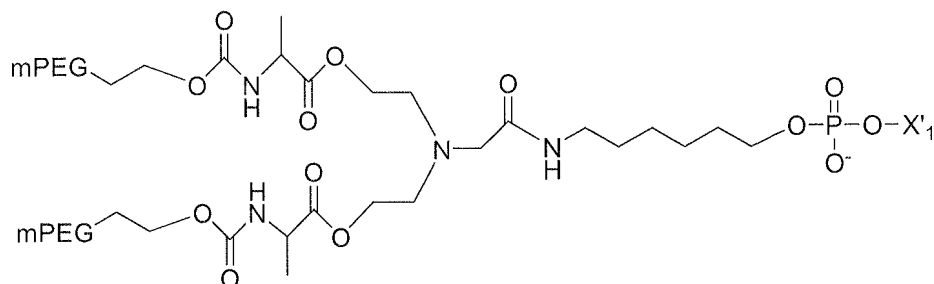
Support can be found, for example, in claim 37 in the Amendment of April 1, 2009, which was allowed by the Examiner.

g) Column 68, line 11, in claim 28,

The fourth compound



should have the structure



The fourth compound printed in the patent has X in place of X'.

Support can be found, for example, in claim 37 in the Amendment of April 1, 2009, which was allowed by the Examiner.

3. The required fee of \$100.00 is being submitted herewith. The errors are clerical in nature or due to errors by the Patent Office. If it is determined that any further fees are due or any overpayment has been made, the Assistant Commissioner is hereby authorized to debit or credit such sum to Deposit Account No. 02-2275.

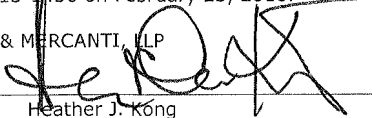
4. Please send the Certificate to the attorney of record.

Michael N. Mercanti
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New York, New York 10016

Respectfully submitted,
LUCAS & MERCANTI, LLP

By: /Hyun Soon Cho/
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Recognition No. L0306

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<p align="center">CERTIFICATE</p> <p>I hereby certify that this correspondence is being EFS-Web or facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 23, 2010.</p> <p>LUCAS & MERCANTI, LLP</p> <p>BY:  Heather J. Kong</p>
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